

MONTANA

SUMMARIES OF EXTERIOR QUARANTINES

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Montana Department of Agriculture

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DEFINITION OF NURSERY STOCK

"Nursery Stock" means botanically classified plants or parts of plants. The following plants and plant parts may not be considered nursery stock:

- (a) aquatic plants used for aquarium purposes;
- (b) field crop plants and seeds;
- (c) pasture grasses;
- (d) cut plants not for propagation;
- (e) corms, tubers and bulbs;
- (f) fruits or vegetables for human or animal production;
- (g) cut trees and products for processing; and
- (h) plant debris for disposal or processing.

GENERAL SHIPPING REQUIREMENTS

Montana requires incoming nursery stock to be from a licensed nursery in the state of origin and to meet

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Montana quarantine requirements. For general nursery stock, there is no certificate requirement. All plant material subject to Montana plant quarantine regulations must meet all inspection and documentation conditions required by each specific quarantine.

NOXIOUS WEED LIST

CATEGORY 1 WEEDS (WIDELY ESTABLISHED)

Canada thistle	<i>Cirsium arvense</i>
field bindweed.....	<i>Convolvulus arvensis</i>
whiteweed or hoary cress	<i>Cardaria draba</i>
leafy spurge.....	<i>Euphorbia esula</i>
Russian knapweed	<i>Centaurea repens</i>
spotted knapweed.....	<i>Centaurea maculosa</i>
diffuse knapweed	<i>Centaurea diffusa</i>
Dalmatian toadflax.....	<i>Linaria dalmatica</i>
St. Johnswort.....	<i>Hypericum perforatum</i>
sulfur (erect) cinquefoil	<i>Potentilla recta</i>
common tansy.....	<i>Tanacetum vulgare</i>
ox-eye daisy	<i>Chrysanthemum leucanthemum</i> L.
Houndstongue.....	<i>Cynoglossum officinale</i> L.

CATEGORY 2 (RECENT INVADERS)

dyers woad.....	<i>Isatis tinctoria</i>
purple loosestrife.....	<i>Lythrum salicaria</i> , <i>L. virgatum</i> and hybrid crosses
tansy ragwort	<i>Senecio jacobaea</i> L.
meadow hawkweed complex	<i>Hieracium pratense</i> , <i>H. Floribundum</i> , <i>H. piloselloides</i>
orange hawkweed.....	<i>Hieracium aurantiacum</i> L.
tamarisk (saltcedar).....	<i>Tamarix</i> spp.

CATEGORY 3 (HIGH PRIORITY, NEW INVADERS)

yellow starthistle.....	<i>Centaurea solstitialis</i>
common crupina.....	<i>Crupina vulgaris</i>
rush skeletonweed.....	<i>Chondrilla juncea</i>

QUARANTINES OR ADDITIONAL REQUIREMENTS

I. EUROPEAN PINE SHOOT MOTH QUARANTINE

PEST: European Pine Shoot (*Rhyacionia bouliana*)

REGULATED AREA: The entire states of CT, DE, ID, IL, IN, IA, ME, MD, MA, MI, MO, NH, NJ, NY, OH, OR, PA, RI, WV, WI, and WA.

MATERIALS REGULATED: The branches or twigs of pine bearing terminal buds, needles, or shoots of all species and varieties of pine trees (*Pinus* sp.)

RESTRICTIONS: Regulated articles shall not be shipped into the state from any regulated areas into or within the State of Montana unless each shipment is accompanied by a Certificate of Fumigation.

Regulated articles shall not be shipped from non-regulated areas into or within the State of Montana unless accompanied by a certificate issued by the state of origin certifying that the regulated articles being shipped were actually produced in non-regulated area in which European Pine Shoot Moth is not known to exist.

Cut pine trees, branches, or twigs for ornamental purposes from regulated or non-regulated areas may be shipped into Montana during the period of October 20th to December 25th. Shipment of regulated articles into Montana shall be shipped for inspection by department personnel to one of the following points: Missoula, Helena, Great Falls, Billings, Polson, Kalispell, or Saco, Montana.

II. LAKE COUNTY POTATO QUARANTINE

PESTS: Root Knot Nematode (*Heterodera marioni*), Golden Nematode (*Heterodera rostochiensis*), and *Fusarium eumartii*.

REGULATED AREA: All states

MATERIALS REGULATED: Potatoes, and equipment used in the growing, harvesting, and shipping of whole potatoes.

RESTRICTIONS: Potatoes may not be shipped into Lake County unless accompanied by a certificate of inspection certifying that the potatoes are free from Root Knot Nematodes, Golden Nematodes, and *Fusarium eumartii*.

Certified seed potatoes imported into Lake County from outside of Montana shall be accompanied by a certificate of inspection declaring the potatoes to be certified by a legal certifying agency of the state of origin. Such certificate shall be deemed conclusive evidence that the potatoes are free from the pests listed above.

Equipment used in the growing, harvesting, or shipping of potatoes may not be moved into Lake County if it is infested with any of the regulated pests, or if found to be contaminated with untreated portions of host material capable of harboring any of the regulated pests.

III. FLATHEAD COUNTY POTATO QUARANTINE

PESTS: Northern Root Knot Nematode (*Meloidogyne hapla*), Golden Nematode (*Heterodera rostochiensis*), Potato Rot Nematode (*Ditylenchus destructor*), Late Blight (*Phytophthora infestans*), Gangrene (*Phoma exingua*), Ring Rot (*Corynebacterium sepedonicum*), and *Fusarium eumartii*.

REGULATED AREA: All states (and all counties in Montana outside Flathead county by interior quarantine)

MATERIALS REGULATED: Potatoes, and equipment used in the growing, harvesting, and shipping of whole potatoes.

RESTRICTIONS: Potatoes may not be shipped into Flathead County unless accompanied by a certificate of inspection certifying that the potatoes are free from Northern Root Knot Nematodes, Golden Nematodes, Potato Rot Nematodes, Late Blight, Gangrene, Ring Rot, and *Fusarium eumartii*.

Certified seed potatoes imported into Flathead County from outside of Montana shall be accompanied by a certificate of inspection declaring the potatoes to be certified by a legal certifying agency of the state of origin. Such certificate shall be deemed conclusive evidence that the potatoes are free from the pests listed above.

Equipment used in the growing, harvesting, or shipping of potatoes may not be moved into Flathead County if it is infested with any of the regulated pests, or if found to be contaminated with untreated portions of host material capable of harboring any of the regulated pests.

IV. MINT WILT QUARANTINE

PEST: *Verticillium dahliae* (*V. albo-atrum*)

REGULATED AREA: All states

MATERIALS REGULATED: Mint and mint planting stock of the genus *Mentha*.

Mint planting stock entering Montana must be certified mint planting stock and be accompanied by a phytosanitary certificate issued by the state of origin.

All mint equipment entering Montana must be accompanied by a phytosanitary certificate issued by the state of origin.

V. LYTHRUM IMPORTATION QUARANTINE

PEST: Purple Loosestrife (*Lythrum salicaria*) and Wand Loosestrife (*L. virgatum*).

REGULATED AREA: All states

MATERIALS REGULATED: All varieties and hybrids of plants, seeds, and propagative plant parts of *Lythrum salicaria*, and *Lythrum virgatum*. Common horticultural variety names include, but are not limited to: purple, wand, the beacon, fire candle, brightness, Ladysackville, Mr. Robert, Robert's, Happy, Roseum superbum, purple spire, rose queen, the rocket, morden pink, morden gleam, morden rose, dropmore purple, and tomentosum.

RESTRICTIONS: Regulated articles may not be imported into Montana unless under permit issued by the department. The department may issue permits for herbarium, educational, and research purposes provided that there is no threat to Montana's native plant community. The permit shall include the terms and conditions under which the regulated articles will be kept.

VI. JAPANESE BEETLE

PEST: Japanese beetle

REGULATED AREA: All states and counties in the United States that are presently infested or found to be infested in the future with Japanese beetle

MATERIALS REGULATED: Soil, humus, compost, and manure (except when free from soil), all plants with roots (except bareroot plants that are free from soil), grass sod, plant crowns or roots for propagation (except when free from soil), bulbs, corms, tubers, and rhizomes of ornamental plants (except when free from soil), and any other plant or plant part.

RESTRICTIONS: The Montana Department of Agriculture recognizes the certification and phytosanitary standards, and treatments and survey protocols of the National Plant Board U.S. Domestic Japanese Beetle Harmonization Plan for shipment of Japanese beetle regulated articles to a **Category 1 state**.

VIII. POTATO LATE BLIGHT

PEST: Potato Late Blight (*Phytophthora infestans*)

REGULATED AREA: All states

MATERIALS REGULATED: Certified seed potatoes and seed potatoes including seed potatoes for home gardens; potato plants; and tomato plants including all varieties of *Lycopersicon lycopersicum* and *L. pimpinellifolium*. Tomato seeds are not regulated articles.

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No individual, firm or nursery shall import regulated articles into Montana except under the following conditions:

- (a) Seed potatoes or potato plants:
 - (i) are produced as certified seed potatoes in the state or country of origin and are certified;
 - (ii) are inspected in the storage warehouse and no late blight is found in the lot; and
 - (iii) are inspected at the shipping point and no late blight is found.
- (b) Tomato plants:
 - (i) are produced in greenhouses not containing other unprotected, susceptible plant materials;
 - (ii) are treated with a registered fungicide from the time the tomato seedlings produce their first pair of true leaves following a schedule recommended by the state's cooperative extension service, satisfactory to state plant regulatory officials, for late blight disease control;
 - (iii) are inspected prior to shipment and found free from late blight disease; and
 - (iv) are packed at the point of origin.

States may apply to the department for an exemption from the requirements for tomato plants based on climatic conditions, seasonal occurrence of late blight, and shipping dates that preclude late blight infection.

Each shipment of regulated articles into Montana must be accompanied by an official certificate issued by the government regulatory agency responsible for phytosanitary certification stating that the shipment meets the requirements of this rule. The regulatory agency will follow accepted phytosanitary procedures in assuring that the conditions of this rule are met.

For full details, including rule provisions governing intrastate movement and destruction of cull potatoes, contact the Montana Department of Agriculture.